

## APPENDIX A

### Town of Kingston Springs, NPDES Permit no. TN005970

Date	Parameter	Limitation Period	Permit Limit	Reported Discharge	Amount of Exceedance	Percent Exceedance	Unit	Days of Violation
7/31/2021	E. coli	DAILY MX	487	3972.6	3485.6	716%	#/100mL	1
7/31/2021	SSO, Dry Weather	MO TOTAL	0	1	1		occur/mo	1
10/31/2021	E. coli	DAILY MX	487	1960.8	1473.8	303%	#/100mL	1
10/31/2021	SSO, Dry Weather	MO TOTAL	0	1	1		occur/mo	1
2/28/2022	BOD, 5-day, 20 deg. C	MO AV MN	65	59.7	-5.3		%	28
2/28/2022	SSO, Dry Weather	MO TOTAL	0	1	1		occur/mo	1
2/28/2022	SSO, Wet Weather	MO TOTAL	0	1	1		occur/mo	1
3/31/2022	BOD, 5-day, 20 deg. C	MO AV MN	65	48	-17		%	31
3/31/2022	BOD, 5-day, 20 deg. C	WKLY AVG	50	51.6	1.6	3%	mg/L	7
9/30/2022	SSO, Dry Weather	MO TOTAL	0	1	1		occur/mo	1
10/31/2022	SSO, Dry Weather	MO TOTAL	0	1	1		occur/mo	1
12/31/2022	BOD, 5-day, 20 deg. C	MO AV MN	65	59.2	-5.8		%	31
12/31/2022	BOD, 5-day, 20 deg. C	DAILY MX	136	673.7	537.7	395%	lb/d	1
12/31/2022	BOD, 5-day, 20 deg. C	MO AVG	94	340.8	246.8	263%	lb/d	31
12/31/2022	BOD, 5-day, 20 deg. C	WKLY AVG	104	673.7	569.7	548%	lb/d	7
12/31/2022	Chlorine, total residual	DAILY MX	1	1.01	0.01	1%	mg/L	1
12/31/2022	Solids, total suspended	DAILY MX	250	772.2	522.2	209%	lb/d	1
12/31/2022	Solids, total suspended	MO AVG	209	270.1	61.1	29%	lb/d	31
12/31/2022	Solids, total suspended	WKLY AVG	229	772.2	543.2	237%	lb/d	7
1/31/2023	BOD, 5-day, 20 deg. C	Monthly Avg	65.0	54.8	-10.2		% removal	31
1/31/2023	BOD, 5-day, 20 deg. C	Daily Max	136.0	784.7	648.7	477%	lb/d	1
1/31/2023	BOD, 5-day, 20 deg. C	Monthly Avg	94.0	667.8	573.8	610%	lb/d	31
1/31/2023	BOD, 5-day, 20 deg. C	Wkly Avg	104.0	784.7	680.7	655%	lb/d	7
1/31/2023	Solids, total suspended	Daily Max	250.0	1,191.0	941.0	376%	lb/d	1
1/31/2023	Solids, total suspended	Monthly Avg	209.0	1,069.1	860.1	412%	lb/d	31
1/31/2023	Solids, total suspended	Wkly Avg	229.0	1,191.0	962.0	420%	lb/d	7
2/28/2023	BOD, 5-day, 20 deg. C	Monthly Avg	65.0	21.6	-43.4		% removal	28
2/28/2023	BOD, 5-day, 20 deg. C	Daily Max	136.0	1,782.5	1,646.5	1211%	lb/d	1
2/28/2023	BOD, 5-day, 20 deg. C	Monthly Avg	94.0	1,194.3	1,100.3	1171%	lb/d	28
2/28/2023	BOD, 5-day, 20 deg. C	Wkly Avg	104.0	1,782.5	1,678.5	1614%	lb/d	7
2/28/2023	BOD, 5-day, 20 deg. C	Wkly Avg	50.0	53.7	3.7	7%	mg/L	7
2/28/2023	E.coli	Daily Max	487.0	544.6	57.6	12%	#/100mL	1
2/28/2023	Solids, total suspended	Daily Max	250.0	1,425.2	1,175.2	470%	lb/d	1
2/28/2023	Solids, total suspended	Monthly Avg	209.0	1,034.1	825.1	395%	lb/d	28
2/28/2023	Solids, total suspended	Wkly Avg	229.0	1,425.2	1,196.2	522%	lb/d	7
2/28/2023	SSO, Dry Weather	MO TOTAL	0	1	1		occur/mo	1
3/31/2023	BOD, 5-day, 20 deg. C	Monthly Avg	65.0	64.9	-0.1	0%	% removal	31
3/31/2023	BOD, 5-day, 20 deg. C	Daily Max	136.0	1,040.4	904.4	665%	lb/d	1
3/31/2023	BOD, 5-day, 20 deg. C	Monthly Avg	94.0	264.8	170.8	182%	lb/d	31
3/31/2023	BOD, 5-day, 20 deg. C	Wkly Avg	104.0	1,040.4	936.4	900%	lb/d	7
3/31/2023	Solids, total suspended	Daily Max	250.0	1,018.6	768.6	307%	lb/d	1
3/31/2023	Solids, total suspended	Monthly Avg	209.0	308.5	99.5	48%	lb/d	31
3/31/2023	Solids, total suspended	Wkly Avg	229.0	1,018.6	789.6	345%	lb/d	7
3/31/2023	SSO	Monthly Total	0.0	1.0	1.0		occur/mo	1
4/30/2023	BOD, 5-day, 20 deg. C	Daily Max	136.0	397.8	261.8	193%	lb/d	1
4/30/2023	BOD, 5-day, 20 deg. C	Monthly Avg	94.0	101.8	7.8	8%	lb/d	30
4/30/2023	BOD, 5-day, 20 deg. C	Wkly Avg	104.0	397.8	293.8	283%	lb/d	7
4/30/2023	Solids, total suspended	Daily Max	250.0	514.3	264.3	106%	lb/d	1
4/30/2023	Solids, total suspended	Wkly Avg	229.0	514.3	285.3	125%	lb/d	7
6/30/2023	SSO	Monthly Total	0.0	1.0	1.0		occur/mo	1
8/31/2023	Chlorine, total residual	Daily Max	1.0	1.3	0.3	32%	mg/L	1
8/31/2023	E.coli	Daily Max	487.0	1,841.6	1,354.6	278%	#/100mL	1
8/31/2023	SSO	Monthly Total	0.0	2.0	2.0		occur/mo	2
10/31/2023	BOD, 5-day, 20 deg. C	Monthly Avg	65.0	57.8	-7.2		% removal	31

10/31/2023 BOD, 5-day, 20 deg. C	Daily Max	65.0	94.5	29.5	45%	mg/L	1
10/31/2023 BOD, 5-day, 20 deg. C	Wkly Avg	50.0	94.5	44.5	89%	mg/L	7
11/30/2023 BOD, 5-day, 20 deg. C	Monthly Avg	65.0	-10.4	-75.4		% removal	30
11/30/2023 BOD, 5-day, 20 deg. C	Daily Max	65.0	69.1	4.1	6%	mg/L	1
11/30/2023 BOD, 5-day, 20 deg. C	Monthly Avg	45.0	69.1	24.1	54%	mg/L	30
11/30/2023 BOD, 5-day, 20 deg. C	Wkly Avg	50.0	59.3	9.3	19%	mg/L	7
11/30/2023 E. coli	DAILY MX	487	4839.2	4352.2	894%	#/100mL	1
11/30/2023 E.coli	Monthly Avg	126.0	2,779.4	2,653.4	2106%	#/100mL	30
12/31/2023 BOD, 5-day, 20 deg. C	Monthly Avg	65.0	41.0	-24.0		% removal	31
12/31/2023 BOD, 5-day, 20 deg. C	Wkly Avg	50.0	59.3	9.3	19%	mg/L	31
12/31/2023 Chlorine, total residual	Daily Max	1.0	1.3	0.3	32%	mg/L	1
12/31/2023 E.coli	Daily Max	487.0	4,839.2	4,352.2	894%	#/100mL	1
12/31/2023 E.coli	Monthly Avg	126.0	487.0	361.0	287%	#/100mL	31
1/31/2024 BOD, 5-day, 20 deg. C	Monthly Avg	65.0	41.0	-24.0		% removal	31
1/31/2024 Chlorine, total residual	Daily Max	1.0	1.2	0.2	19%	mg/L	1
1/31/2024 E.coli	Daily Max	487.0	9,678.4	9,191.4	1887%	#/100mL	1
1/31/2024 E.coli	Monthly Avg	126.0	487.0	361.0	287%	#/100mL	31
1/31/2024 SSO, Dry Weather	MO TOTAL	0	1	1		occur/mo	1
2/29/2024 BOD, 5-day, 20 deg. C	Monthly Avg	65.0	51.8	-13.2		% removal	29
2/29/2024 Chlorine, total residual	Daily Max	1.0	1.2	0.2	21%	mg/L	1
2/29/2024 E.coli	Daily Max	487.0	4,839.2	4,352.2	894%	#/100mL	1
2/29/2024 E.coli	Monthly Avg	126.0	487.0	361.0	287%	#/100mL	29
3/31/2024 BOD, 5-day, 20 deg. C	MO AV MN	65	41.5	-23.5		%	31
3/31/2024 BOD, 5-day, 20 deg. C	WKLY AVG	50	53.6	3.6	7%	mg/L	7
3/31/2024 Chlorine, total residual	DAILY MX	1	1.16	0.16	16%	mg/L	1
3/31/2024 E. coli	DAILY MX	487	1540.2	1053.2	216%	#/100mL	1
3/31/2024 E. coli	MO GEOMN	126	544.7	418.7	332%	#/100mL	31
4/30/2024 BOD, 5-day, 20 deg. C	MO AV MN	65	2.9	-62.1		%	30
4/30/2024 BOD, 5-day, 20 deg. C	DAILY MX	136	136.7	0.7	1%	lb/d	1
4/30/2024 BOD, 5-day, 20 deg. C	WKLY AVG	104	136.7	32.7	31%	lb/d	7
4/30/2024 BOD, 5-day, 20 deg. C	DAILY MX	65	66.6	1.6	2%	mg/L	1
4/30/2024 BOD, 5-day, 20 deg. C	MO AVG	45	56.8	11.8	26%	mg/L	30
4/30/2024 BOD, 5-day, 20 deg. C	WKLY AVG	50	66.6	16.6	33%	mg/L	7
4/30/2024 E. coli	DAILY MX	487	4839.2	4352.2	894%	#/100mL	1
4/30/2024 E. coli	MO GEOMN	126	2650	2524	2003%	#/100mL	30
<b>TOTAL DAYS OF VIOLATION:</b>							<b>1099</b>